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01-25-00! PTO/SB/05 (4/98) Please type a plus sign (+) inside this box → Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Attorney Docket No. HO57-002 UTILITY First Inventor or Application Identified Chris Parfeniuk PATENT APPLICATION Methods of Bonding First and Second Masses. TRANSMITTAL Express Mail Label No. (Only for new nonprovisional applications under 37 C.F.R. § 1.53(b)) Assistant Commissioner for Patents APPLICATION ELEMENTS ADDRESS TO: **Box Patent Application** See MPEP chapter 600 concerning utility patent application contents. Washington, DC, 20231 \* Fee Transmittal Form (e.g., PTO/SB/17) Microfiche Computer Program (Appendix) X (Submit an original and a duplicate for fee processing) 6. Nucleotide and/or Amino Acid Sequence Submission Specification [Total Pages (if applicable, all necessary) (preferred arrangement set forth below) Computer Readable Copy Descriptive title of the Invention - Cross References to Related Applications b. Paper Copy (identical to computer copy) - Statement Regarding Fed sponsored R & D Statement verifying identity of above copies C. - Reference to Microfiche Appendix - Background of the Invention ACCOMPANYING APPLICATION PARTS - Brief Summary of the Invention Assignment Papers (cover sheet & document(s)) - Brief Description of the Drawings (if filed) 37 C.F.R.§3.73(b) Statement | (when there is an assignee) X Attorney - Detailed Description 8 - Claim(s) 9 English Translation Document (if applicable) - Abstract of the Disclosure Information Disclosure Copies of IDS 10. 3. Drawing(s) (35 U.S.C. 113) [Total Sheets 2 Statement (IDS)/PTO-1449 Citations Preliminary Amendment Oath or Declaration [Total Pages ]? Return Receipt Postcard (MPEP 503) Χ Newly executed (original or copy) 12. a. (Should be specifically itemized) Copy from a prior application (37 C.F.R. § 1.63(d)) \* Small Entity Statement filed in prior application (for continuation/divisional with Box 16 completed) 13 Statement(s) Status still proper and desired **DELETION OF INVENTOR(S)** (PTO/SB/09-12) i. Certified Copy of Priority Document(s) Signed statement attached deleting inventor(s) named in the prior application. (if foreign priority is claimed) see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b). 15. NOTE FOR ITEMS 1 & 13 IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28). 16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment: Continuation-in-part (CIP) of prior application No: Continuation Divisional Prior application information: Examiner Group / Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 17. CORRESPONDENCE ADDRESS 021567

Customer Number or Bar Code Labe I Correspondence address below (Insert Customer No. or Attach bar code label here) Name Address City State Zip Code Country Telephone

Name (Print/Type) David G. Latwesen, Ph.D. Registration No. (Attorney/Agent) 38.533 Signature

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

FEE TRANSMITTAL	Complete if Known		
LLE IVANOMILIAE	Application Number	Filed Herewith	
for FY 1999  Patent fees are subject to annual revision.  Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.	Filing Date	Filed Herewith	
	First Named Inventor	Chris Parfeniuk	
	Examiner Name		
	Group / Art Unit		
TOTAL AMOUNT OF PAYMENT (\$) 1036.00	Attorney Docket No.	HO57-002	

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)					
The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:	3. ADDITIONAL FEES  Large Entity Small Entity Fee	Fee Paid				
Deposit Account 23-0925	Code (\$) Code (\$)  105 130 205 65 Surcharge-late filing fee or oath	0.00				
Number Deposit Account Wells, St. John	127 50 227 25 Surcharge-late provisional filing fee or cover sheet.	0.00				
Name Charge Any Additional	139 130 139 130 Non-English specification	0.00				
Fee Required Under 37 CFR 1.16 and 1.17	147 2,520 147 2,520 For filing a request for reexamination	0.00				
	112 920° 112 920° Requesting publication of SIR prior to Examiner action	0.00				
2. X Payment Enclosed: X Check Money Order Other	113 1,840° 113 1,840° Requesting publication of SIR after Examiner action	0.00				
FEE CALCULATION	115 110 215 55 Extension for reply within first month	0.00				
	116 380 216 190 Extension for reply within second mon	0.00				
1. BASIC FILING FEE Large Entity Small Entity	117 870 217 435 Extension for reply within third month	0.00				
Fee Fee Fee Fee Description Fee Paid	118 1,360 218 680 Extension for reply within fourth month	0.00				
Code (\$) Code (\$) 101 760 201 380 Utility filing fee	128 1,850 228 925 Extension for reply within fifth month	0.00				
106 310 206 155 Design filing fee 690.00	119 300 219 150 Notice of Appeal	0.00				
107 480 207 240 Plant filing fee	120 300 220 150 Filing a brief in support of an appeal	0.00				
108 760 208 380 Reissue filing fee	121 260 221 130 Request for oral hearing	0.00				
114 150 214 75 Provisional filing fee	138 1,510 138 1,510 Petition to institute a public use proceed	· —				
	140 110 240 55 Petition to revive - unavoidable	0.00				
SUBTOTAL (1) (\$) 690.00 141 1,210 241 605 Petition to revive - unintentional						
2. EXTRA CLAIM FEES	142 1,210 242 605 Utility issue fee (or reissue)	0.00				
Extra Claims Fee from Fee Paid	143 430 243 215 Design issue fee	0.00				
Total Claims 37 -20** = 17 X 18 = 306.00	144 580 244 290 Plantissue fee	0.00				
Independent 3 -3** = 0 x = 0.00	122 130 122 130 Petitions to the Commissioner	0.00				
Multiple Dependent = 0.00	123 50 123 50 Petitions related to provisional application	0.00				
**or number previously paid, if greater; For Reissues, see below Large Entity Small Entity	126 240 126 240 Submission of Information Disclosure S	0.00				
Fee Fee Fee Fee Description	581 40 581 40 Recording each patent assignment pe	r				
Code (\$) Code (\$)	property (times number of properties)  146 760 246 380 Filing a submission after final rejection	40.00				
103 18 203 9 Claims in excess of 20 102 78 202 39 Independent claims in excess of 3	146 760 246 380 Filing a submission after final rejection (37 CFR 1.129(a))	0.00				
104 260 204 130 Multiple dependent claim, if not paid	149 760 249 380 For each additional invention to be					
109 78 209 39 **Reissue indenpendent claims	examined (37 CFR 1.129(b))	0.00				
over original patent Other fee (specify)						
110 18 210 9 **Reissue claims in excess of 20 and over original patent	Other fee (specify)	0.00				
SUBTOTAL (2) (\$) 306.00 •Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00						

SUBMITTED BY			Complete (i	Complete (ifapplicable)	
Typed or Printed Name	David G. Latwesen, Ph.D.			Reg. Number	38,533
Signature	Anson_	Date	Molos	DepositAccount  O User ID	

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